

III. Appendices

E. Water Appendix

6. Water Exposure Assessment: Application-Specific Input Parameters for PRZM/EXAMS by Region

The tables presented in this region summarize the region-specific input parameters for each of the crop-OP uses modeled in each region. For each chemical, the tables provide:

- PRZM scenario file name – the scenario input file, documented in Appendix III.E.7
- Crop on which the pesticide is used
- Application method (PRZM CAM variable) and the general application method documented in Appendix III.E.8
- Depth of incorporation, based on available information on usage in the chemical-specific risk assessments
- Application rate (kg/ha) based on the usage information documented in Appendix III.E.8
- Application efficiency, set according to USEPA OPP's input parameter guidance
- Spray drift fraction, documented in Appendix III.E.9
- Application date, based on usage, growth stage, and most active application period documented in Appendix III.E.8
- Interval between additional applications, if any, based on usage information documented in Appendix III.E.8

Table III.E.6-1 Application-Specific Input Parameters for PRZM/EXAMS, Heartland Region

Chemical	PRZM scenario file name	Crop/Use	Application Method (CAM)	Incorporp. Depth (cm)	Application Rate	Application Efficiency	Spray Drift	Application Date	Interval between applications (days)					
									1	2	3	4	5	6
Chlorethoxyfos	ILCornC	Corn	7 In-furrow	5	0.09 NASS (1999)	1 No drift	0.67 Frac in upper 2 cm	9-May USDA/NASS (1997)						
Chlorpyrifos	ILCornC	Corn	4 ground-broad cast	5 incorporated	1.33 NASS (2000)	0.99 **	0.0049 Ground/Ag Drift	9-May USDA/NASS (1997)						
Phostebupirim	ILCornC	Corn	7	2.5	0.11 NASS (1999)	0.99 **	0.85 Frac in upper 2 cm	9-May USDA/NASS (1997)						
TerbufosT Parent + Tox. Residues	ILCornC	Corn	7	2.5	1.38 NASS (2000)	0.99 **	0.85 Frac in upper 2 cm	9-May USDA/NASS (1997)						

** Set according to input parameter guidance

*** To populate app dates, listed app dates in chronological order w/in year

Table III.E.6-2 Application-Specific Input Parameters for PRZM/EXAMS, Northern Crescent Region

Chemical	PRZM scenario file name	Crop/Use	Application Method (CAM)	Incorporp. Depth (cm)	Application Rate	Application Efficiency	Spray Drift	Application Date	Interval between applications (days)					
									1	2	3	4	5	6
Chlorpyrifos	PAcornC	Corn	4 Ground plant	5	1.22 NASS (2000)	0.99	0.0049 Ground/ AgDrift	17-May						
Phostebupirim	PAcornC	Corn	7 Ground plant	2.5	0.12 NASS (1998)	1	0.85 Fraction in upper 2 cm	17-May						
Terbufos	PAcornC	Corn	7 Ground plant	2.5	1.19 NASS (1998)	1	0.85 Fraction in upper 2 cm	17-May						
Azinphos Methyl	PAappleC	Apple	2 Ground- foliar/ airblast	0	0.14 NASS (1999)	0.99	0.0087 Airblast/ AgDrift	1-May	17	17	17	17	17	17
Diazinon	PAappleC	Apple	2 Ground- foliar/ airblast	0	0.24 NASS (1999)	0.99	0.0087 Airblast/ AgDrift	15-Mar	30					
Dimethoate	PAappleC	Apple	2 Ground- foliar/ airblast	0	0.18 NASS (1999)	0.99	0.0087 Airblast/ AgDrift	1-May	31					
Methidathion	PAappleC	Apple	2 Ground- foliar/ airblast	0	0.46 NASS (1999)	0.99	0.0087 Airblast/ AgDrift	1-Apr	22					
Phosmet	PAappleC	Apple	2 Ground- foliar/ airblast	0	0.44 NASS (1999)	0.99	0.0087 Airblast/ AgDrift	1-May	48	48				
Chlorpyrifos	PAalfalfaC	Alfalfa	2 Ground/ foliar	0	0.73 NASS (1998)	0.99	0.0049 Ground/ AgDrift	1-Jun						
Chlorpyrifos	PAappleC	Peach	2 Airblast	0	1.05 NASS (1999)	0.99	0.0087 Airblast/ AgDrift	30-Sep						
Phosmet	PAappleC	Peach	2 Airblast	0	0.48 NASS (1999)	0.99	0.0087 Airblast/ AgDrift	15-Apr	41	41				
Azinphos	PAappleC	Pear	2	0	0.36	0.99	0.0087	15-Apr	41	41				

Chemical	PRZM scenario file name	Crop/Use	Application Method (CAM)	Incorp. Depth (cm)	Application Rate	Application Efficiency	Spray Drift	Application Date	Interval between applications (days)						
									1	2	3	4	5	6	
Methyl			Airblast		NASS (1999)		Airblast/ AgDrift								
Chlorpyrifos	PAappleC	Pear	Airblast	2	0	0.26 NASS (1999)	0.99	0.0087 Airblast/ AgDrift	1-Mar						
Phosmet	PAappleC	Pear	Airblast	2	0	0.51 NASS (1999)	0.99	0.0087 Airblast/ AgDrift	15-Apr	24	24	24	24		
Azinphos Methyl	PAtomatoC	Pumpkin	Ground/ foliar	2	0	0.61 NASS (1998)	0.99	0.0049 Ground/ AgDrift	1-Jul	46					
** Set according to input parameter guidance															
*** To populate app dates, listed app dates in chronological order w/in year															

Table III.E.6-3 Application-Specific Input Parameters for PRZM/EXAMS, Northern Great Plains Region

Chemical	PRZM scenario file name	Crop/Use	Application Method (CAM)	Incorp. Depth (cm)	Application Rate	Application Efficiency	Spray Drift	Application Date	Interval between applications (days)					
									1	2	3	4	5	6
AzinphosMethyl	MNsugarbeetC	Potato	2 Aerial/ foliar	0	0.53	0.99	0.055 Aerial/AgDrift	31-Jul						
Dimethoate	MNsugarbeetC	Potato	2 Aerial foliar	0	0.30	0.99	0.055 Aerial/AgDrift	31-Jul						
Chlorpyrifos	MNsugarbeetC	Sugar beet	4 Ground/ plant; gen w/ incorp	5 Use CAM4/ uniform distrib w/ depth; 5-cm incrp	1.39	0.99	0.0049 Ground/Ag Drift	10-May						
PhorateT Parent + toxic degradates	MNsugarbeetC	Sugar beet	7 Ground/ plant	2	1.14	1	0.85 Fraction in upper 2 cm	10-May						
TerbufosT Parent + toxic degradates	MNsugarbeetC	Sugar beet	7 Ground/ plant	2	2.19	1	0.85 Fraction in upper 2 cm	10-May						
Chlorpyrifos	NDwheatC	Wheat	2 Aerial/ foliar	0	0.56	0.99	0.055 Aerial/AgDrift	3-Jul						
** Set according to input parameter guidance *** To populate app dates, listed app dates in chronological order w/in year														

Table III.E.6-4 Application-Specific Input Parameters for PRZM/EXAMS, Prairie Gateway/Texas Fruitful Rim Region

Chemical	PRZM scenario file name	Crop/Use	Application Method (CAM)	Incorp. Depth (cm)	Application Rate	Application Efficiency	Spray Drift	Application Date	Interval between applications (days)					
									1	2	3	4	5	6
Chlorpyrifos	TXalfalfaC	Alfalfa	Prairie / TX	0	0.61	0.99	0.055 Aerial/AgDrift	16-Jun						
					NASS (1998)	**								
MethylParathion	TXalfalfaC	Alfalfa	Prairie / TX	0	0.21	0.99	0.055 Aerial/AgDrift	16-Jun						
					NASS (1998)	**								
Chlorpyrifos	TXcornC	Corn	Prairie / TX	5	0.84	1	0.0049 Ground/AgDrift	9-Apr						
				Use CAM4/ uniform distrib w/ depth; 5-cm incorp	NASS (2000)	**								
Dimethoate	TXcornC	Corn	Prairie / TX	0	0.48	0.99	0.055 Aerial/AgDrift	1-Jul						
					NASS (2000)	**								
Phostebupirim	TXcornC	Corn	Prairie / TX	2.5	0.09	1	0.85 Fraction in upper 2 cm	9-Apr						
				Use same CAM as terbufos	NASS (2000)	**								
TerbufosT Parent + toxic degradates	TXcornC	Corn	Prairie / TX	2.5	0.91	1	0.85 Fraction in upper 2 cm	9-Apr						
					NASS (2000)	**								
Acephate	TXcottonC	Cotton	Prairie / TX	0	0.63	0.99	0.0049 Ground/Ag Drift	1-May	20					
					NASS (2000)	**								
Methamidophos Degradate of acephate	TXcottonC	Cotton	Prairie / TX	0	0.16	1	0 Degradate Degradate	3-May	20					
					acephate*0.25									

Chemical	PRZM scenario file name	Crop/Use	Application Method (CAM)	Incorporp. Depth (cm)	Application Rate	Application Efficiency	Spray Drift	Application Date	Interval between applications (days)					
									1	2	3	4	5	6
AzinphosMethyl Separate runs for ground, aerial apps	TXcottonC	Cotton	Prairie / TX	0	0.30	0.99	0.0049	20-May						
					NASS (2000)	**	Ground/Ag Drift							
AzinphosMethyl Separate runs for ground, aerial apps	TXcottonC	Cotton	Prairie / TX	0	0.30	0.99	0.055	26-Jul						
					NASS (2000)	**	Aerial/AgDrift							
Chlorpyrifos	TXcottonC	Cotton	Prairie / TX	0	0.71	0.99	0.055	15-Jun	31					
Dicrotophos	TXcottonC	Cotton	Prairie / TX	0	0.16	0.99	0.0049	1-May	23					
					NASS (2000)	**	Ground/Ag Drift							
Dimethoate	TXcottonC	Cotton	Prairie / TX	0	0.27	0.99	0.0049	1-May	23					
					NASS (1999)	**	Ground/Ag Drift							
Malathion Separate runs for ground, aerial apps	TXcottonC	Cotton	Prairie / TX	0	1.13	0.99	0.0049	15-May						
					NASS (2000)	**	Ground/Ag Drift							
Malathion Separate runs for ground, aerial apps	TXcottonC	Cotton	Prairie / TX	0	1.13	0.99	0.055	6-Jun	22	22	22	22	22	
					NASS (2000)	**	Aerial/AgDrift							

** Set according to input parameter guidance

*** To populate app dates, listed app dates in chronological order w/in year

Table III.E.6-5 Application-Specific Input Parameters for PRZM/EXAMS, Eastern Uplands Region

Chemical	PRZM scenario file name	Crop/Use	Application Method (CAM)	Incorporp. Depth (cm)	Application Rate	Application Efficiency	Spray Drift	Application Date	Interval between applications (days)						
									1	2	3	4	5	6	
Chlorpyrifos	NCalfalfaC	Alfalfa	Foliar	2	0	0.61	0.99	0.055	15-Jul						
						NASS (1998)	**	Aerial/AgDrift							
MethylParathion	NCalfalfaC	Alfalfa	Foliar	2	0	0.21	0.99	0.055	15-Jul						
						NASS (1998)	**	Aerial/AgDrift							
TerbufosT Parent + Tox. Residues	NCcornC	Corn	In-furrow, 2 cm incorp	7	2.5	1.27	1	0.85	17-Apr						
						NASS (2000)	**	Frac in top 2 cm							
Chlorpyrifos	NCcornC	Corn	Ground/broadcast or before wheel	2	0	1.01	0.99	0.0049	17-Apr						
						NASS (1998)	**	Ground/Ag Drift							
AzinphosMethyl	NCappleC	Apple	Foliar	2	0	0.65	0.99	0.0087	1-May	40	40				
						NASS (1999)	**	Airblast/Ag Drift							
Chlorpyrifos	NCappleC	Apple	Foliar	2	0	1.01	0.99	0.0087	1-Apr	37	38	38			
						NASS (1999)	**	Airblast/Ag Drift							
Dimethoate	NCappleC	Apple	Foliar	2	0	0.82	0.99	0.0087	1-Jun						
						NASS (1999)	**	Airblast/Ag Drift							
Phosmet	NCappleC	Apple	Foliar	2	0	1.66	0.99	0.0087	1-May	67					
						NASS (1999)	**	Airblast/Ag Drift							

** Set according to input parameter guidance

*** To populate app dates, listed app dates in chronological order w/in year

Table III.E.6-6 Application-Specific Input Parameters for PRZM/EXAMS, Southern Seaboard Region

Chemical	PRZM scenario file name	Crop/Use	Application Method (CAM)	Incorp. Depth (cm)	Application Rate	Application Efficiency	Spray Drift	Application Date	Interval between applications (days)					
									1	2	3	4	5	6
TerbufosT Parent + Tox. Residues	NCcornEC	Corn	7 In-furrow, 2 cm incorp	2.5	1.27 NASS (2000)	1 **	0.85 Frac in top 2 cm	17-Apr						
Chlorpyrifos	NCcornEC	Corn	2 Ground/broadcast or before wheel	0	1.30 NASS (1998)	0.99 **	0.0049 Ground/Ag Drift	17-Apr						
Acephate	NCcottonC	Cotton	2 Broadcast	0	0.30 NASS (2000)	0.99 **	0.0049 Ground/Ag Drift	11-Jun						
Methamidophos Acephate degradate	NCcottonC	Cotton	2 Acephate degr	0	0.07 Aceph*0.25	0.99 **	0 Degr/no drift	13-Jun Off-set, 2-da t1/2						
Dimethoate	NCcottonC	Cotton	2 Broadcast	0	0.11 NASS (2000)	0.99 **	0.0049 Ground/Ag Drift	1-May	41					
PhorateT Parent + Tox. Residues	NCcottonC	Cotton	8 Banded	1.27	1.00 NASS (2000)	1 **	0 No drift	10-May						
Tribufos	NCcottonC	Cotton	2 Broadcast	0	0.51 NASS (2000)	0.99 **	0.0049 Ground/Ag Drift	19-Oct						
DisulfotonT Parent + Tox. Residues	NCcottonC	Cotton	7 Banded	2.5	0.73 NASS (1999)	1 **	0.85 Frac in top 2 cm	10-May						
Acephate	NCpeanutC	Peanut	2 Aerial or ground/broadcast	0	0.52 NASS (1999)	0.99 **	0.0049 Ground/Ag Drift	25-May						
Methamidophos	NCpeanutC	Peanut	2	0	0.13	1	0	27-May						

Chemical	PRZM scenario file name	Crop/Use	Application Method (CAM)	Incorp. Depth (cm)	Application Rate	Application Efficiency	Spray Drift	Application Date	Interval between applications (days)					
									1	2	3	4	5	6
Acephate degradate			acephate degr		aceph*0.25	Degradate	Degr/no drift	Off-set, 2-da t1/2						
Chlorpyrifos	NCpeanutC	Peanut	2	0	0.70	0.99	0.0049	7-Jul						
			Banded or		NASS (1999)	Set	Ground/Ag							
PhorateT Parent + Tox. Residues	NCpeanutC	Peanut	7	2.5	1.00	1	0.85	18-May						
			Banded		NASS (2000)	**	Frac in top 2 cm							
Acephate	NCtobaccoC	Tobacco	2	0	0.83	0.99	0.0049	30-Jun						
			Ground broadcast		NASS (1998)	**	Ground/Ag Drift							
Methamidophos Acephate degradate	NCtobaccoC	Tobacco	2	0	0.21	1	0	2-Jul						
			Ground broadcast		aceph*0.25	Degradate	Degr/no drift							
Chlorpyrifos	NCtobaccoC	Tobacco	2	0	2.55	0.99	0.0049	16-May						
			Aerial or ground/broadcast		NASS (1996)	**	Ground/Ag Drift							

** Set according to input parameter guidance

*** To populate app dates, listed app dates in chronological order w/in year

Table III.E.6-7 Application-Specific Input Parameters for PRZM/EXAMS, Southwest Fruitful Rim/North Central Valley Region

Chemical	PRZM scenario file name	Crop/Use	Application Method (CAM)	Incorporp. Depth (cm)	Application Rate	Application Efficiency	Spray Drift	Application Date	Interval between applications (days)					
									1	2	3	4	5	6
AzinphosMethyl	CAalmondC	Almonds, walnuts	2 Air 29%, Ground 71%	0	1.73 CA DPR Usage, 1997	0.99 **	0.0087 Airblast/Ag Drift	12-Jul Label	7	1	6	1		
Chlorpyrifos	CAalmondC	Almonds, walnuts	2 Air 8%, Ground 92%	0	1.89 CA DPR Usage, 1997	0.99 **	0.0087 Airblast/Ag Drift	10-May Label	7	21	49	7		
Diazinon	CAalmondC	Almonds, walnuts	2 Air 21%, Ground 79%	0	2.08 CA DPR Usage, 1997	0.99 **	0.0087 Airblast/Ag Drift	11-Jan Label	7	14	1	6		
Methidathion	CAalmondC	Almonds, walnuts	2 Air 8%, Ground 92%	0	1.08 CA DPR Usage, 1997	0.99 **	0.0087 Airblast/Ag Drift	11-Jan Label	7	1	6	7		
Naled	CAalmondC	Almonds, walnuts	2 Air 0%, Ground 100%	0	1.78 CA DPR Usage, 1997	0.99 **	0.0087 Airblast/Ag Drift	18-Jan Label	6	1	1	6		
DDVP	CAalmondC	Almonds, walnuts	2 Air 0%, Ground 100%	0	0.36 Naled*0.2 (RED)	1 **	0 Degradate	18-Jan Label	6	1	1	6		
Phosmet	CAalmondC	Almonds, walnuts	2 Air 7%, Ground 93%	0	3.17 CA DPR Usage, 1997	0.99 **	0.0087 Airblast/Ag Drift	22-Mar Label	119	7	7	7		
Chlorpyrifos	CAalfalfaC	Alfalfa	2 Air 85%, Ground 15%	0	0.63 CA DPR Usage, 1997	0.99 **	0.055 Aerial/AgDrift	8-Mar Label	7	7	35	126		
Dimethoate	CAalfalfaC	Alfalfa	2	0	0.39	0.99	0.055	8-Mar	7	7	7	49		

Chemical	PRZM scenario file name	Crop/Use	Application Method (CAM)	Incorporp. Depth (cm)	Application Rate	Application Efficiency	Spray Drift	Application Date	Interval between applications (days)					
									1	2	3	4	5	6
			Air 80%, Ground 20%		CA DPR Usage, 1997	**	Aerial/AgDrift	Label						
Malathion	CAalfalfaC	Alfalfa	2 Air 83%, Ground 17%	0	1.26 CA DPR Usage, 1997	0.99 **	0.055 Aerial/AgDrift	22-Mar Label	7	7	7	7		
MethylParathion	CAalfalfaC	Alfalfa	2 Air 88%, Ground 12%	0	0.93 CA DPR Usage, 1997	0.99 **	0.055 Aerial/AgDrift	7-Mar Label	1	1	6	7		
Phosmet	CAalfalfaC	Alfalfa	2 Air 80%, Ground 21%	0	0.8 CA DPR Usage, 1997	0.99 **	0.055 Aerial/AgDrift	8-Mar Label	7	1	6	7		
AzinphosMethyl	CAfruitC	Apples, pears	2 Air 6%, Ground 94%	0	1.16 CA DPR Usage, 1997	0.99 **	0.0087 Airblast/AgDrift	24-May Label	21	7	28	35		
Chlorpyrifos	CAfruitC	Apples, pears	2 Air 8%, Ground 92%	0	1.46 CA DPR Usage, 1997	0.99 **	0.0087 Airblast/AgDrift	8-Mar Label	49	7	21	28		
Diazinon	CAfruitC	Apples, pears	2 Air 1%, Ground 99%	0	1.67 CA DPR Usage, 1997	0.99 **	0.0087 Airblast/AgDrift	25-Jan Label	42	1	6	154		

** Set according to input parameter guidance

*** To populate app dates, listed app dates in chronological order w/in year

Table III.E.6-8 Application-Specific Input Parameters for PRZM/EXAMS, Southwest Fruitful Rim/South Central Valley Region

Chemical	PRZM scenario file name	Crop/Use	Application Method (CAM)	Incorporp. Depth (cm)	Application Rate	Application Efficiency	Spray Drift	Application Date	Interval between applications (days)					
									1	2	3	4	5	6
Acephate	CAcottonC	Cotton	2 Air 32%, Ground 35%	0	1.11 Max Mitigation Rate	0.99 **	0.055 Aerial/AgDr ift	4-Jan CA DPR	56	119	14	14		
Methamidophos Acephate Degr	CAcottonC	Cotton	2 Air 32%, Ground 35%	0	0.28 Acephate*0.2 5	1 Degradate	0 Degradate	Jan 2 CA DPR	56	119	14	14		
Chlorpyrifos	CAcottonC	Cotton	2 Air 93%, Ground 6%	0	1.11 CA DPR	0.99 **	0.055 Aerial/AgDr ift	2-Aug CA DPR	7	7	14	7		
Dimethoate	CAcottonC	Cotton	2 Air 58%, Ground 42%	0	0.50 CA DPR	0.99 **	0.055 Aerial/AgDr ift	7-Jun CA DPR	14	14	14	14		
DisulfotonT Parent + Tox. Residues	CAcottonC	Cotton	1 Air 37%, Ground 63%	0	0.76 CA DPR	1 **	0 Granular/ no drift	14-Jun CA DPR	1	6	63	7		
Malathion	CAcottonC	Cotton	2 Air 78%, Ground 22%	0	1.37 CA DPR	0.99 **	0.055 Aerial/AgDr ift	14-Jun CA DPR	14	21	7	21		
Methamidophos	CAcottonC	Cotton	2 Air 93%, Ground 7%	0	1.03 CA DPR	0.99 **	0.055 Aerial/AgDr ift	5-Jul CA DPR	7	21	14	14		
Naled	CAcottonC	Cotton	2 Air 93%, Ground 7%	0	1.05 CA DPR	0.99 **	0.055 Aerial/AgDr ift	8-Aug CA DPR	7	14	7	7		
DDVP Naled Degr	CAcottonC	Cotton	2 Air 93%, Ground 7%	0	0.21 Naled*0.2 (RED)	1 Degradate	0 Degradate	8-Aug CA DPR	7	14	7	7		
PhorateT	CAcottonC	Cotton	7	2	1.39	1	0.85	12-Apr	7	6	1	1		

Chemical	PRZM scenario file name	Crop/Use	Application Method (CAM)	Incorporp. Depth (cm)	Application Rate	Application Efficiency	Spray Drift	Application Date	Interval between applications (days)						
									1	2	3	4	5	6	
Parent + Tox. Residues			Air 3%, Ground 97%		CA DPR	**	Fraction in upper 2 cm	CA DPR							
Profenofos	CAcottonC	Cotton	2 Air 74%, Ground 26%	0	1.34	0.99	0.055 Aerial/AgDrift	9-Aug CA DPR	7	14	7	21			
Tribufos	CAcottonC	Cotton	2 Air 35%, Ground 65%	0	1.61	0.99	0.0049 Ground/Ag Drift	27-Sep CA DPR	7	7	6	1			
AzinphosMethyl	CAalmondC	Almonds/Walnuts	2 Air 29%, Ground 71%	0	1.91	0.99	0.0087 Airblast/Ag Drift	5-Jul CA DPR	7	1	6	1			
Chlorpyrifos	CAalmondC	Almonds/Walnuts	2 Air 8%, Ground 92%	0	2.21	0.99	0.0087 Airblast/Ag Drift	3-May CA DPR	70	14	7	14			
Diazinon	CAalmondC	Almonds/Walnuts	2 Air 21%, Ground 79%	0	2.29	0.99	0.0087 Airblast/Ag Drift	4-Jan CA DPR	7	7	7	14	0		

** Set according to input parameter guidance

*** To populate app dates, listed app dates in chronological order w/in year

Table III.E.6-9 Application-Specific Input Parameters for PRZM/EXAMS, Mississippi Portal Region

Chemical	PRZM scenario file name	Crop/Use	Application Method (CAM)	Incorp. Depth (cm)	Application Rate	Application Efficiency	Spray Drift	Application Date	Interval between applications (days)					
									1	2	3	4	5	6
Chlorpyrifos	MScornC	Corn	4 Ground plant	5	0.84 NASS (2000)	0.99 **	0.0049 Ground/Ag Drift	27-Mar						
Dimethoate	MScornC	Corn	2 Aerial foliar	0	0.48 NASS (2000)	0.99 **	0.055 Aerial/Ag Drift	23-Jun						
Phostebupirim	MScornC	Corn	7 Ground plant	2.5	0.09 NASS (2000)	1 **	0.85 Fraction in upper 2 cm	27-Mar						
TerbufosT Parent + Toxic Degradates	MScornC	Corn	7 Ground plant	2.5	0.91 NASS (2000)	1 **	0.85 Fraction in upper 2 cm	27-Mar						
Acephate	MScottonC	Cotton	2 Ground/ plant-foliar	0	0.39 NASS (2000)	0.99 **	0.0049 Ground/Ag Drift	6-May						
Methamidophos Degradate/acephate	MScottonC	Cotton	2 Ground/ plant-foliar	0	0.10 acephate*0.25	1 Degradate	0 Degradate	8-May Acephate+ 2 da (1 t1/2)						
Acephate	MScottonC	Cotton	2 Aerial/ foliar	0	0.39 NASS (2000)	0.99 **	0.055 Aerial/Ag Drift	24-Jun						
Methamidophos Degradate/acephate	MScottonC	Cotton	2 Aerial/ foliar	0	0.10 acephate*0.25	1 Degradate	0 Degradate	26-Jun Acephate+ 2 da (1 t1/2)						
Dicrctophos	MScottonC	Cotton	2 Ground/ foliar	0	0.30 NASS (2000)	0.99 **	0.0049 Ground/Ag Drift	1-May						

Chemical	PRZM scenario file name	Crop/Use	Application Method (CAM)	Incorporp. Depth (cm)	Application Rate	Application Efficiency	Spray Drift	Application Date	Interval between applications (days)					
									1	2	3	4	5	6
Dicrotophos	MScottonC	Cotton	2 Aerial/ foliar	0	0.30 NASS (2000) **	0.99	0.055 Aerial/AgDrift	1-Jul						
Dimethoate	MScottonC	Cotton	2 Ground/ foliar	0	0.29 NASS (2000) **	0.99	0.0049 Ground/Ag Drift	15-Jun						
Dimethoate	MScottonC	Cotton	2 Aerial/ foliar	0	0.29 NASS (2000) **	0.99	0.055 Aerial/AgDrift	8-Jul						
Malathion	MScottonC	Cotton	2 Ground/ foliar	0	0.97 NASS (2000) **	0.99	0.0049 Ground/Ag Drift	1-May	19	19				
Malathion	MScottonC	Cotton	2 Aerial/ foliar	0	0.97 NASS (2000) **	0.99	0.055 Aerial/AgDrift	27-Jun	19	19	19	19		
Methamidophos	MScottonC	Cotton	2 Aerial/ foliar	0	0.42 NASS (2000) **	0.99	0.055 Aerial/AgDrift	1-Jul						

** Set according to input parameter guidance
*** To populate app dates, listed app dates in chronological order w/in year

Table III.E.6-10 Application-Specific Input Parameters for PRZM/EXAMS, Northwest Fruitful Rim Region

Chemical	PRZM scenario file name	Crop/Use	Application Method (CAM)	Incorporp. Depth (cm)	Application Rate	Application Efficiency	Spray Drift	Application Date	Interval between applications (days)					
									1	2	3	4	5	6
AzinphosMethyl	ORappleC	Apples	2 Ground/ Foliar	0	0.99	0.99 **	0.0087 Airblast/Ag Drift	1-May	41	41				
Chlorpyrifos	ORappleC	Apples	2 Ground/ Dormant	0	2.04	0.99 **	0.0087 Airblast/Ag Drift	1-Feb						
Diazinon	ORappleC	Apples	2 Ground/ Dormant-Foliar	0	0.72	0.99 **	0.0087 Airblast/Ag Drift	1-Feb	103					
Dimethoate	ORappleC	Apples	2 Ground/ Foliar	0	0.85	0.99 **	0.0087 Airblast/Ag Drift	1-May						
Malathion	ORappleC	Apples	2 Ground/ Foliar	0	1.04	0.99 **	0.0087 Airblast/Ag Drift	1-May	31					
Phosmet	ORappleC	Apples	2 Ground/ Foliar	0	2.49	0.99 **	0.0087 Airblast/Ag Drift	1-May	61					
AzinphosMethyl	ORappleC	Pears	2 Ground/ Foliar	0	1.08	0.99 **	0.0087 Airblast/Ag Drift	15-Apr	61					
Chlorpyrifos	ORappleC	Pears	2 Ground/ Dormant	0	2.24	0.99 **	0.0087 Airblast/Ag Drift	1-Feb						
Methidathion	ORappleC	Pears	2 Ground/ Dormant	0	1.45	0.99 **	0.0087 Airblast/Ag Drift	1-Feb						
Phosmet	ORappleC	Pears	2 Ground/ Foliar	0	3.17	0.99 **	0.0087 Airblast/Ag Drift	15-Apr	61					

Chemical	PRZM scenario file name	Crop/Use	Application Method (CAM)	Incorporp. Depth (cm)	Application Rate	Application Efficiency	Spray Drift	Application Date	Interval between applications (days)						
									1	2	3	4	5	6	
Diazinon	ORappleC	Pears	Ground/ Foliar	2	0	1.15	0.99	0.0087	15-May						
AzinphosMethyl	ORappleC	Cherries, Sweet	Ground/ Foliar	2	0	0.97	0.99	0.0087	15-May						
Chlorpyrifos	ORappleC	Cherries, Sweet	Ground/ Dormant	2	0	2.44	0.99	0.0087	1-Feb						
Diazinon	ORappleC	Cherries, Sweet	Ground/ Dormant	2	0	1.08	0.99	0.0087	1-Feb						
Dimethoate	ORappleC	Cherries, Sweet	Ground/ Foliar	2	0	0.90	0.99	0.0087	15-Apr						

** Set according to input parameter guidance

*** To populate app dates, listed app dates in chronological order w/in year

Table III.E.6-11 Application-Specific Input Parameters for PRZM/EXAMS, Southeast Fruitful Rim Region

Chemical	PRZM scenario file name	Crop/Use	Application Method (CAM)	Incorp. Depth (cm)	Application Rate	Application Efficiency	Spray Drift	Application Date	Interval between applications (days)						
									1	2	3	4	5	6	
Chlorpyrifos	FLsweetcornC	Corn	2 Aerial/ foliar	0	0.73	0.99	0.055 Aerial/AgDrift	15-Feb	228	**					
PhorateT Parent + Toxic Degradates	FLsweetcornC	Corn	7 Ground/ at plant	2.5	1.44	*	0.85 Frac in top 2 cm	1-Sep							
Ethoprop	FLsugarcaneC	Sugarcane	4 Ground/ at plant	10	3.88	**	0 No Drift	1-Sep							
PhorateT Parent + Toxic Degradates	FLsugarcaneC	Sugarcane	4 Ground/ at plant	2.5	4.44	**	0 No Drift	1-Sep							
Chlorpyrifos	FLcitrusC	Grapefruit	2 Ground/ foliar (airblast)	0	2.09	**	0.0087 Air Blast/AgDrift	1-Jan	45						
Chlorpyrifos	FLcitrusC	Orange	2 Ground/ foliar (airblast)	0	0.63	**	0.0087 Air Blast/AgDrift	1-Jan	45						
Chlorpyrifos	FLcitrusC	Tangelo	2 Ground/ at plant	0	1.12	**	0.0049 Ground/Ag Drift	1-Jan							
Chlorpyrifos	FLcitrusC	Tangerine	2 Ground/ foliar (airblast)	0	0.80	**	0.0087 Air Blast/AgDrift	1-Jan	45						

Chemical	PRZM scenario file name	Crop/Use	Application Method (CAM)	Incorporp. Depth (cm)	Application Rate	Application Efficiency	Spray Drift	Application Date	Interval between applications (days)						
									1	2	3	4	5	6	
Acephate	FLcucumbe rC	Peppers	2 Ground / foliar	0	0.84	0.99 **	0.0049 Ground/Ag Drift	25-Jan	263 ***	51					
Methamidoph os	FLcucumbe rC	Peppers	2	0	0.21	1	0	27-Jan	263	51					
Acephate degradate			acephate degradate		acephate rate * 0.25	**	degradate		***						
Diazinon	FLcucumbe rC	Lettuce	2 Ground/ foliar	0	0.77	0.99 **	0.0049 Ground/Ag Drift	22-Jan	266 ***						
Diazinon	FLcucumbe rC	Tomato	2 Ground/ foliar	0	0.64	0.99 **	0.0049 Ground/Ag Drift	23-Jan	282 ***						
Methamidoph os	FLcucumbe rC	Tomato	2 Ground/ foliar	0	0.52	0.99 **	0.0049 Ground/Ag Drift	19-Feb	255 ***	55					
PhorateP Parent only: for comparison; not part of cumulative distribution	FLsweetcor nC	Corn	7 Ground/ at plant	2.5	1.44	1 0	0.85 Frac in top 2 cm	1-Sep							
PhorateP	FLsugarcan eC	Sugarcane	4	2.5	4.44	1	0	1-Sep							

Chemical	PRZM scenario file name	Crop/Use	Application Method (CAM)	Incorporp. Depth (cm)	Application Rate	Application Efficiency	Spray Drift	Application Date	Interval between applications (days)						
									1	2	3	4	5	6	
Parent only: for comparison; not part of cumulative distribution			Ground/ at plant			0	No Drift								

** Set according to input parameter guidance

*** To populate app dates, listed app dates in chronological order w/in year